

**REMARKS**

Applicants respectfully request reconsideration of the present application in view of the reasons that follow.

Applicants request consideration of the amendment and reply previously filed on January 23, 2006. Additionally, in response to the Advisory Action of February 1, 2006, Applicants note that the amendment previously filed on January 23, 2006 does not raise an issue of new matter because the amendment is supported by Applicants' disclosure. For example, the limitation "...wherein the undoped layer or the low carrier concentration layer is a layer other than the active layer..." is supported by Figures 5-9 of Applicants' disclosure, which illustrate an undoped layer or low carrier concentration layer 110 and an active layer 14. In light of the support provided by Applicants' disclosure, Applicants submit that no new matter issue was raised by the amendment previously filed on January 23, 2006.

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

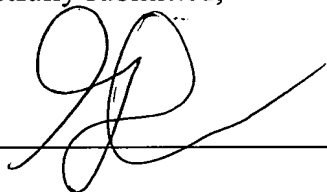
The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicants hereby petition for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date 2/21/06

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